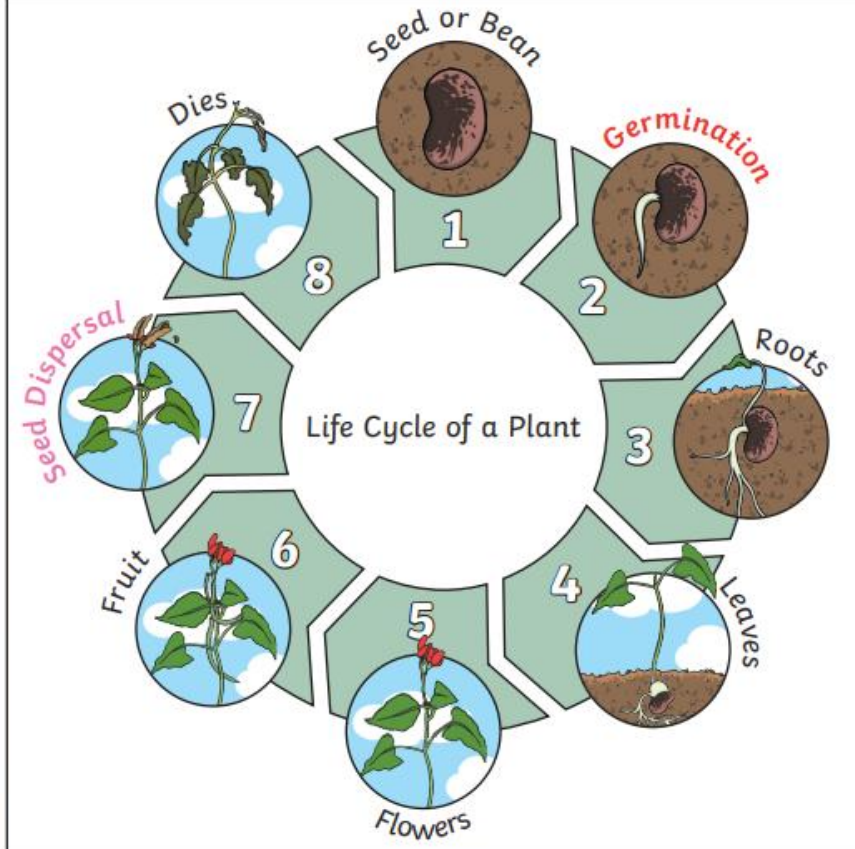


Key Vocabulary

germination	When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination .
sprout	When a plant sprouts , it grows new shoots .
shoot	A shoot grows upwards from the seed or plant to find sunlight .
seed dispersal	Seed dispersal is when the seeds move away from the parent plant. They can be moved by the wind or animals.



Key Knowledge



Disciplinary Skills

Maths Measures: To know how to measure length using a ruler (*Measure sunflowers with a ruler in mm*)

Maths Statistics: To know how to use histograms and tallies (*Bar chart to record sunflower growth (mm)*)

Classification: To know how to sort and group living things. (*Sort leaves by leaf shape and flowers by petal shape. Children create own sorting criteria e.g. flower colour, stem length*)

Observing patterns: To know how to make and record patterns including: (*What features do plants in different habitats have? e.g. desert, cold, wet*)

Researching (Using secondary sources): To know how to use simple secondary sources to find answers. (library books, ebooks, photographs, websites: guided)

Key Vocabulary

What do plants need to grow well?

sunlight

All plants need light from the sun to grow well. Some plants need lots of **sunlight**. Some plants only need a little **sunlight**.

water

All plants need **water** to grow. Without **water**, seeds and bulbs will not **germinate**.

temperature

Temperature is how warm or cold something or somewhere is. Some plants like cooler **temperatures** and some like warmer **temperatures**.

nutrition

Food or nourishment. Plants make their own food in their leaves using **sunlight**.

Key Knowledge

